

News Release

For Immediate Release

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ACC ANNOUNCES 2005 RESPONSIBLE CARE® ENERGY EFFICIENCY AWARD WINNERS

*Companies Improve Energy Efficiency, Reduce Greenhouse Gas Emissions as U.S. Natural Gas
Crisis Continues*

ARLINGTON, VA (October 25, 2006) – The American Chemistry Council (ACC) today honored 11 of its member companies for implementing energy efficiency improvements in 2005 that together saved enough energy to power a metropolitan area the size of South Bend, Indiana and reduced carbon dioxide emissions equivalent to 475,000 cars. ACC presented a total of 26 awards to these companies for their company-wide or plant-specific progress.

The Responsible Care® Energy Efficiency Awards program is among ACC's many ongoing efforts to improve energy efficiency. These projects have the added benefit of reducing greenhouse gas emissions. In 2005, the total annual energy savings represented by the awards is 22.7 trillion BTUs, while annual carbon dioxide emissions reductions were approximately 2,852,007 tons. The savings from the combined projects represent 0.7 percent of total chemistry energy consumption for fuel and power.

Jack N. Gerard, president and CEO of ACC, noted that the performance exhibited by this year's winners is an example of the outstanding progress in energy efficiency achieved by Responsible Care companies. "Since 1970, Responsible Care companies have reduced fuel and power energy consumption per unit of output by 46 percent. In the past five years, these companies have reduced their greenhouse gas intensity by more than 26 percent. These are tremendous accomplishments for such an energy-intensive industry."

ACC reports aggregated energy efficiency information on member companies as an important metric under the Responsible Care® program, accessible at http://reporting.responsiblecare-us.com/reports/ee_ia_rpt.aspx. No other industry group requires its members to track and publicly report their progress on energy use.

"We are especially mindful of the importance of energy efficiency as the industry contends with the natural gas crisis that began six years ago," Gerard continued. "U.S. natural gas prices have more than tripled since 1999 as demand for natural gas rose and access to U.S. supplies remained restricted by federal policies. The U.S. business of chemistry has lost approximately 100,000 jobs since the crisis began – many of them to operations overseas, where natural gas is far more affordable. The awards being announced today show that our industry is doing its part to increase

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energy efficiency, reduce demand, relieve upward pressure on energy prices and strengthen international competitiveness.

“Access to U.S. natural gas supplies is also a vital piece of the equation, however, and Congress must do its part,” Gerard emphasized. “When Congress re-convenes in November, our industry is counting on Representatives and Senators to immediately enact American energy supply legislation that can help make natural gas more affordable and accessible for America’s chemical makers and other natural gas consumers.”

The 11 company winners of the 2005 Responsible Care® Energy Efficiency awards are being announced today at ACC’s Board meeting in Washington, D.C. Winners will be formally recognized at the March 2007 Responsible Care Conference (Miami, Florida) and at the May 2007 meeting of the Industrial Energy Technology Conference, sponsored annually by Texas A&M University.

This year’s winners were selected from five categories:

The “**Energy Efficiency Program**” award is given to companies with broad programs to achieve energy efficiency improvements, with components such as establishing energy teams, goal setting, communications, management support and recognition.

The “**Significant Improvement in Manufacturing**” award is given to companies that improve energy efficiency in their manufacturing operations through technical innovations, creative projects or novel procedures or actions.

The “**Environmental Impact**” award is given for initiatives with substantial environmental benefits, including reductions in greenhouse gas emissions, in addition to energy efficiency improvements.

The “**Non-Manufacturing Improvement**” is award is given for improvements resulting from energy efficient lighting, insulation, other building improvements and other non-manufacturing energy improvements.

The “**Public Outreach**” award is given for an effective program of involvement with the community regarding energy efficiency and related environmental impact activities.

Awards can be given at any of four levels within the company: **Corporate/Business Unit, Plant Site, Operating Unit or Project.**

“Companies receiving awards for 2005 are:

- Afton Chemical Corporation
- BASF Corporation
- Cytec Industries Inc.
- Dow Chemical Company

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- DuPont
- Eastman Chemical Company
- ExxonMobil Chemical Company
- Merck & Co., Inc.
- Occidental Chemical Corporation
- Rohm and Haas Company
- Texas Petrochemicals LP

Individual ACC member companies nominate specific projects for recognition under the Award Program. The Judging Committee which determined winners this year was comprised of selected members of ACC's Energy Team. The Judging Committee was joined in its deliberations again this year by Dr. W.D. Turner, Professor of Mechanical Engineering and Director, Energy Systems Laboratory, Texas A&M University System.

A breakdown of the 26 award-winning activities follows. An asterisk (*) denotes an Exceptional Merit award designation.

Energy Efficiency Program – Corporate/Business Unit

- *BASF Corporation, NAFTA Manufacturing Plants, U.S., for Integrating Energy Management with Process Optimization*
- *Dow Chemical Company, USA Operations Energy Efficiency and Conservation Program**
- *DuPont, DuPont US Operations, for Energy Breakout Initiative**

Energy Efficiency Program – Plant Site

- *BASF Corporation, Freeport Site, Texas, for Oxo Alcohol / Polyalcohol Operations Methane Optimization*
- *DuPont, Sabine River Works Site, Texas, for Site Energy Reduction Program**
- *DuPont, Chambers Works Energy Team, New Jersey, for Rapid Startup of Site Energy Program*
- *DuPont, Belle Plant, West Virginia, for Powerhouse Efficiency Improvements*
- *Eastman Chemical Company, Eastman-Texas Operations, for Process and Energy Optimization at Eastman-Texas Operations*
- *Texas Petrochemicals LP, Houston Plant Operations, Texas, for Energy Management: Back to Basics**

Energy Efficiency Program – Operating Unit

- *BASF Corporation, Geismar, Louisiana Facility – Ethylene Oxide Operating Unit, for Ethylene Oxide Energy Integration*

Energy Efficiency Program – Project

- *Eastman Chemical Company, Utilities Division – Kingsport, Tennessee Site, for QUEST² Energy Project**

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Significant Improvement in Manufacturing – Corporate/Business Unit

- *ExxonMobil Chemical Company, Baytown Chemical Plant/Beaumont Chemical Plant, Texas, for Aromatics Restructuring Project**

Significant Improvement in Manufacturing – Plant Site

- *ExxonMobil Chemical Company, Mont Belvieu Plastics Plant, Texas, for Flare Optimization*
- *Rohm and Haas Company, Kankakee Plant, Illinois, for Significant Improvement in Energy Efficiency in Manufacturing at Rohm and Haas' Kankakee Illinois Plant*

Significant Improvement in Manufacturing – Operating Unit

- *Cytec Industries Inc., Fortier, Production Services, Louisiana, for Liquid Carbon Dioxide Vaporizer*
- *Cytec Industries, Inc., Fortier, Production Services, Louisiana, for Modify Baffles in Acid Regen Boiler*
- *ExxonMobil Chemical Company, Baton Rouge Chemical Plant, Louisiana, for Vistalon® Gradeswitch Loss Minimization*
- *ExxonMobil Chemical Company, Baton Rouge Chemical Plant, Louisiana, for OLA-2X Process Gas Compressor Autopeaking Application*
- *ExxonMobil Chemical Company, Baton Rouge Chemical Plant, Louisiana, for XRU Start-Up Optimization*

Significant Improvement in Manufacturing – Project

- *ExxonMobil Chemical Company, Baytown Olefins Plant, Texas for Baytown Cogeneration Project**
- *ExxonMobil Chemical Company, Baton Rouge Chemical Plant, Louisiana, for Furnace Energy Improvements*
- *ExxonMobil Chemical Company, Baton Rouge Control and Optimization Project, Louisiana, for Energy Savings From Real Time Optimization*

Environmental Impact – Plant Site

- *Afton Chemical Corporation, Sauget Plant, Illinois, for Sauget Plant Flare Gas Reduction Program**
- *Occidental Chemical Corporation, OxyVinyls Louisville Plant, Kentucky, for Recycle Centrifuge Effluent Water*

Non-Manufacturing Improvement – Plant Site

- *Merck & Co., Inc., Rahway / Linden, New Jersey, for 500 Kilowatt Solar Panel Project "Clean Energy" Prototype Building*

Public Outreach – Plant Site

- *DuPont, DeLisle Plant, Mississippi, for Landfill Gas Project*

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The American Chemistry Council (ACC) represents the leading companies engaged in the business of chemistry. ACC members apply the science of chemistry to make innovative products and services that make people's lives better, healthier and safer. ACC is committed to improved environmental, health and safety performance through Responsible Care[®], common sense advocacy designed to address major public policy issues, and health and environmental research and product testing. The business of chemistry is a \$550 billion enterprise and a key element of the nation's economy. It is one of the nation's largest exporters, accounting for ten cents out of every dollar in U.S. exports. Chemistry companies are among the largest investors in research and development. Safety and security have always been primary concerns of ACC members, and they have intensified their efforts, working closely with government agencies to improve security and to defend against any threat to the nation's critical infrastructure.